

GHG Mandatory Reporting

Workshop for
Potential Regulatory Updates

California Air Resources Board
June 5, 2014

Workshop Materials and Submitting Email Questions

Slides are posted at:

<http://www.arb.ca.gov/cc/reporting/ghg-rep/ghg-rep.htm>

Webcast link:

<http://www.calepa.ca.gov/broadcast/?BDO=1>

Questions during the workshop can be emailed to: sierrarm@calepa.ca.gov

Outline

- Regulatory timeline for Mandatory Reporting Regulation (MRR) and Cost of Implementation Fee Regulation (COI) amendments
- Staff's potential revisions to MRR
- Questions and Comments
- Next Steps

Regulatory Timeline for MRR and COI amendments



GHG Mandatory Reporting Regulation

Potential Amendments

MRR

Overview of Potential Updates

- Updates to integrate COI reporting
- Align with Cap-and-Trade Regulation
 - Clarifications and updates for petroleum and natural gas systems reporting
 - Clarifications for product data reporting
- Minor updates and clarifications to fuel supplier requirements
- Minor updates to Electric Power Entity requirements

MRR – COI Integration (1)

- Purpose for COI reporting data integration:
 - Consistent and verified data, reduce complexity
- Refineries* – Require identification of produced fuel designated for use in California and reporting of oxygenate percentage for CARBOB.
- Natural Gas Suppliers* – Provide MMBtu for end-use categories (residential, commercial, industrial, electricity generators). Data currently reported as Mscf under MRR.

* Existing COI requirements for integration to MRR

MRR – COI Integration (2)

- Fuel suppliers* - Report the import quantities of CARBOB, CA gasoline, and CA diesel designated for use in CA.
 - For CARBOB imports, report the designated percentage of oxygenate for blending.
 - Report the quantity of biodiesel and/or renewable diesel blended in CA diesel for use in CA.

* Existing COI requirements for integration to MRR

MRR – COI Integration (3)

- Add requirement to MRR to provide billing address and official responsible for payment*
- Require conformance check of natural gas suppliers reported in Subpart A
 - Identify if natural gas was directly obtained from an interstate pipeline*

* Existing COI requirement for integration to MRR

Clarifications and Updates

Petroleum and Natural Gas Systems

- Text edits for clarity, correct errors and typos
- Add <50 scf exemption for equipment blowdowns
- Onshore production must now use Leak Detection method as per 95153(o) rather than choose either Leak Detection or Population Counts (may use district data)
- Add voluntary reporting of EOR steam produced via renewable methods (solar)
- Revise flare emission equations
- Clarify existing oil and gas product data reporting requirements

Product Data Reporting Refineries and Hydrogen

- Correct total complexity weighted barrel (CWB) equation to be consistent with Cap-and-Trade Regulation
- Clarify CWB calculation for fluid catalytic cracking units (FCC)
- Clarify definitions of “on-purpose hydrogen” and “by-product hydrogen”
- Clarify that “primary refinery product” does not include product that was produced by another facility
- Primary refinery product reporting would be based on actual production, not sales

Clarifications and Updates

Fuel Suppliers

- Clarify that enterers and in-state biofuel production facilities must report biofuel delivered outside the bulk transfer/terminal system
- Add renewable diesel as a reportable biomass-derived transportation fuel
- Clarifications to LPG reporting requirements for NGL fractionators
- Clarify how and under what circumstances natural gas suppliers should report biomethane deliveries

Updates to Electric Power Entity Requirements

- Clarify reporting requirements for transmission loss factor of 1.0 for busbar measurement (95111(b)(2))
- Narrow applicability of meter data reporting and specify lesser of analysis (95111(g)(1)(N))
- Include reporting elements on Prohibited Use of Allocated Allowance Value – § 95892(d)(5)
 - ARB needs data on sales into CAISO to ensure that POUs purchase a sufficient number of allowances to meet the compliance obligation associated with those sales

Legacy Contracts

- Specify reporting requirements for legacy contract transition assistance applicants, including:
 - Additional detail in energy flow diagrams required per 95112(a)(6)

Potential Additional Data for Natural Gas Transmission and Distribution

- Need for better estimates of methane leaks
- Residential, commercial and industrial gas meter counts
- Emissions related to dig-ins
 - Best available estimate
 - Number of dig-ins

Submitting Informal Written Comments

- Submit informal comments by June 17, 2014 to the following link:
 - <http://www.arb.ca.gov/cc/reporting/ghg-rep/ghg-rep.htm>

Additional Information

- Draft Revisions to Regulation (underline/strikeout)
 - <http://www.arb.ca.gov/cc/reporting/ghg-rep/wkshp-jun2014-mrr-draft.pdf>
- Main GHG Mandatory Reporting program page
 - <http://www.arb.ca.gov/cc/reporting/ghg-rep/ghg-rep.htm>
- August 1, 2014: Official 45-Day comment period opens for MRR and COI regulations
- September 18-19, 2014: Board hearing to consider amendments to MRR and COI

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